

IN THE CLAIMS:

Please amend claim 6 as follows:

1. (Previously presented) A digital broadcasting storage device using a mark-up language, the storage device comprising:

    user interface means adapted to allow broadcasting information to be used or searched;

    metadata processing means adapted to process and parse received XML (Extensible Markup Language)-formatted broadcasting information;

    storage means adapted to store the received and parsed broadcasting information;

    searching means adapted to search and provide the stored received and parsed broadcasting information; and

    controlling means adapted to control the processing, storage and searching of the received and parsed broadcasting information,

    wherein the metadata processing means further comprises preference extracting means adapted to extract a preference that is one of directly inputted by a user and automatically created from a watch record based upon specific digital broadcasts previously accessed by the user.

2. (Canceled)

3. (Previously presented) The storage device according to claim 1, wherein the searching means is adapted to search using at least one of a title, a keyword and a genre according to a user's request and provide the searched information to the user through the user interface means

4. (Original) The storage device according to claim 1, wherein the controlling means comprises:

database managing means for managing information of the storage means; media file system managing means for managing a file system; and a media router for controlling a peripheral device.

5. (Previously presented) The storage device according to claim 1, wherein the metadata processing means comprises:

a media management engine adapted to manage at least one of recording and reproduction of at least one of digital video and digital audio;

a metadata processing engine adapted to process and store the XML-formatted information; and

an XML parsing engine adapted to parse the stored XML-formatted information.

6. (Currently amended) A digital broadcasting storage method using a mark-up language, the method comprising:

receiving XML (Extensible Markup Language)-based broadcasting information; extracting metadata from the received XML-based broadcasting information; processing, parsing and storing the extracted metadata; and searching the stored metadata in response to a user's request to provide the broadcasting information, the search performed according to a user preference that is one of directly inputted by the user and automatically created from a watch record based upon specific digital broadcasts previously accessed by the user.

7-8. (Canceled)

9. (Previously presented) A digital broadcasting storage device using a mark-up language, the storage device comprising:

user interface means adapted to allow broadcasting information to be used or searched;

metadata processing means adapted to process and parse XML (Extensible Markup Language)-formatted broadcasting information received together with digital audio/video;

storage means adapted to store the received and parsed broadcasting information;

searching means adapted to search and provide the stored received and parsed broadcasting information; and

controlling means adapted to control the processing, storage and searching of the received and parsed broadcasting information,

wherein the metadata processing means further comprises preference extracting means adapted to extract a preference in order to create a program guide for a specific user, the preference one of directly inputted by the specific user and automatically created from a watch record based upon specific audio/video digital broadcasts previously accessed by the specific user.

10. (Previously presented) The storage device according to claim 9, wherein the searching means is adapted to search using at least one of a title, a keyword and a genre according to the specific user's request and provide the searched information to the specific user through the user interface means

11. (Previously presented) The storage device according to claim 9, wherein the controlling means comprises:

database managing means for managing information of the storage means;  
media file system managing means for managing a file system; and  
a media router for controlling a peripheral device.

12. (Previously presented) The storage device according to claim 9, wherein the metadata processing means comprises:

a media management engine adapted to manage at least one of recording and reproduction of the received digital audio/video;

a metadata processing engine adapted to process and store the XML-formatted information; and

an XML parsing engine adapted to parse the stored XML-formatted information.

13. (Previously presented) A digital broadcasting reception device receiving broadcasting information based upon XML(Extensible Markup Language), the reception device comprising:

metadata processing means adapted to process and parse the received broadcasting information based upon XML;

storage means adapted to store the received broadcasting information based upon XML;

searching means adapted to search and provide the stored broadcasting information based upon XML; and

controlling means adapted to control the processing, storing and searching of the received broadcasting information based upon XML, wherein the metadata processing means comprises preference extracting means adapted to extract a preference that is one of directly inputted and automatically created from a watching history based upon specific digital broadcasts previously accessed.